



# Raphael E. Hviding

ASTRONOMER · PHD CANDIDATE · HE/HIS

Steward Observatory, 933 N Cherry Ave, Tucson, AZ 85721

✉ rehviding@arizona.edu | 🌐 as.arizona.edu/~rehviding | 📞 +1 (520) 626-1798

🔗 TheSkyentist | 🏷️ ORCID | 📄 rehviding

## Diversity, Equity, & Inclusion

### Astrocharlas Talk Series

Tucson, AZ

ORGANIZER

Oct. 2018 - Present

- Worked as a primary organizer for Astrocharlas, the first Spanish-language talk series at the UArizona College of Science.
- Involved Spanish-speaking and Hispanic undergraduates to serve the Hispanic population of Tucson and fulfill the university's role as an HSI.
- Provided undergraduate team members with opportunities for career advice from speakers and conference attendance.
- Shifted Astrocharlas to a virtual, now hybrid, talk series; enabling presenters from across the globe and growing an international audience.
- Coordinated with departments inspired to develop similar talk series with the potential to unify the talk series under the College of Science.
- Astrocharlas attracts a new demographic to the university and establishes a support network of Spanish-speaking professors, post-docs, graduate students, and undergraduates, setting team members up for success in a future in and beyond STEM.

### Steward Observatory Diversity, Equity, & Inclusion (SODEI) Initiative

Tucson, AZ

DEPARTMENT CLIMATE TASK FORCE

Jun. 2020 - Present

- Developed a department-wide survey to assess graduate student and postdoc wellbeing to create action items to promote a healthy workplace.
- Developed a strategy for allowing department members to optionally provide their pronouns and name pronunciation guides for the website.

## Mentoring

### NOAO Astronomy Teen Café

Tucson, AZ

GRADUATE STUDENT GUEST AND DISCUSSION LEADER

Oct. 2018 - May. 2022

- Led group discussions about potential college career paths and graduate student life.
- Answered questions regarding academics after high school and the study of astronomy.
- Worked with high school students on relevant astronomical coding exercises.

### Project ASTRO

Tucson, AZ

ASTRONOMER PARTNER OF A SCHOOL TEACHER

Sep. 2018 - May. 2022

- Worked with a primary school teacher to organize and plan astronomical lessons for her classroom.
- Participated in workshops teaching school teachers about astronomical lessons plans and how to implement them.
- Organized classroom visits and activities with guest speakers in astronomy for the classroom.

### Carthage Institute of Astronomy

White Mountains, NH

PUBLIC ASTRONOMER UNDER PROFESSOR DOUGLAS ARION

Summer 2015 & Summer 2019

- Worked with younger public astronomers on developing their public speaking skills.
- Organized regular public lectures and worked to publicize them to the greater community.
- Managed large camp groups to facilitate education and generate interest in astronomy.
- Created astronomy lectures to be given to the public by other employees, even those without an astronomical background.

### Sparks Elementary School

Baltimore, MD

PUBLIC SCHOOL TEACHING THROUGH PROJECT ASTRO

May. 2017

- Worked with a middle school teacher to organize and plan astronomical lessons for her classroom.
- Taught fourth grade classes about telescopes and scales in the solar system.
- Used Galileoscopes and other tools to provide hands-on demos for students.

### Mokone Primary School

Langa, Cape Town

PUBLIC SCHOOL TEACHING THROUGH THE SOUTH AFRICAN ASTRONOMICAL OBSERVATORY

Jan. 2017

- Taught medium sized groups of middle school learners, engaging in outdoor astronomy activities about the solar system.
- Taught inside the classroom about astronomical research being done in South Africa and around the world.